

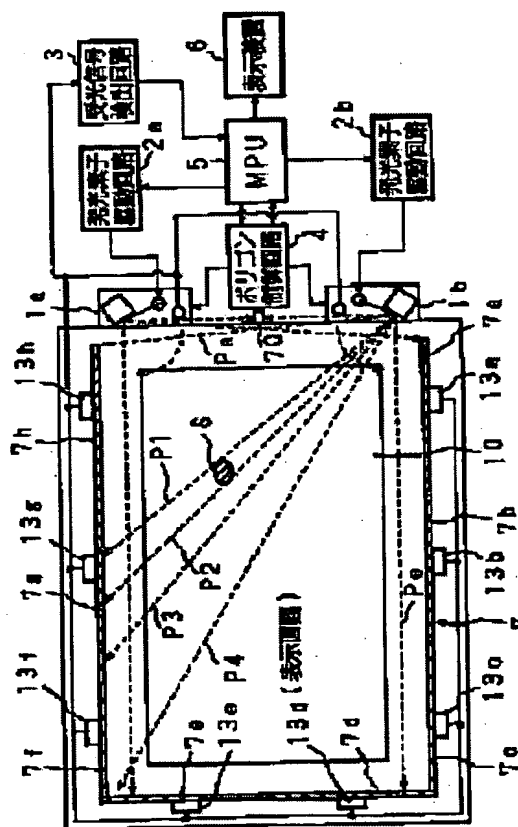
OPTICAL SCANNING TOUCH PANEL

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Abstract of JP11232025

PROBLEM TO BE SOLVED: To improve the resolution of detection while a sufficient S/N is secured without deteriorating display quality and to enlarge a screen by receiving light transmitted through a light transmission body and executing measurement and an operation in accordance with the received light signal.
SOLUTION: Optical scanning units 1a and 1b angle-scan light which a light emitter emits in a face which is substantially parallel to the range of a plane regulated as a target area for touching it with an indicator S and receive scanned light by light receiving elements 13a-13h. The light receiver receives not the reflected light of scanning light but light transmitted through a light transmission body 7. The body 7 is substantially continuously provided for the periphery of the range of the plane and it introduces light scanned by an optical scanning part to the light receiver. A measuring means measures the interruption range of scanning light by the indication object S when it exists in the range of the plane based on the light reception result by the light receiver. The position in the range of the plane of the object S is operated in an operation means based on a measured result by the measuring means.



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